Crop Progress and Condition

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ALASKA: There were 7 days suitable for fieldwork last week as most of the major growing areas experienced warmer than normal temperatures and little precipitation. Topsoil moisture supplies were reported as 5% very short, 30% short, 60% adequate, 5% surplus. Subsoil moisture supplies were listed as 20% short, 80% adequate. Barley was reported as 60% planted. Oats were reported as 15% planted. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 50% very short, 35% short, 15% adequate. Condition of livestock was reported 5% poor, 35% fair, 40% good, 20% excellent. Range and pasture condition was reported 30% poor, 30% fair, 40% good. The main farm activities for the week were planting small grains and vegetables, fertilizing hay and pasture, spreading manure, irrigation, field preparation, high tunnel preparation, farm maintenance and fence repair. Local greenhouses are selling bedding plants and flowers.

CROP WEATHER SUMMARY
May 5 – May 11 2014

Days Suitable for Fieldwork: 7.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	5%	0%
Short	30%	20%
Adequate	60%	80%
Surplus	5%	0%
Pan Evaporation [1/] UAF-AFES, Trunk Rd		1.23

TANANA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 30% short, 60% adequate. Subsoil moisture was reported as 20% short, 80% adequate. Barley was reported as 60% planted. Oats were reported as 10% planted. Progress of fieldwork was reported as 5 days ahead of schedule. Local hay supplies were reported as 75% very short, 25% short. Condition of livestock was reported as 10% poor, 50% fair, 40% good. Range and pasture condition was reported 40% poor, 30% fair, 30% good. Farm activities for the week included planting small grains, field preparation, fertilizing pasture and hay, spreading manure, seed cleaning, high tunnel planting and preparation. Local greenhouses are open.

MATANUSKA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% short, 75% adequate, 5% surplus. Subsoil moisture was reported as 5% very short, 5% short, 90% adequate. Small grain planting is underway. Progress of fieldwork was reported as 10 days ahead of schedule. Local hay supplies were reported as 20% very short, 50% short, 30% adequate. Condition of livestock was reported as 10% fair, 50% good, 40% excellent. Range and pasture condition was reported 10% poor, 35% fair, 55% good. Farm activities for the week included planting small grains and vegetables, fertilizing hay and pasture, irrigation activities, field preparation, high tunnel preparation. Local greenhouses are open.

KENAI PENINSULA: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% very short, 80% short. Subsoil moisture was reported as 100% short. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 100% very short. Farm activities for the week included field preparation, fertilizing hay and pasture. Local greenhouses are open.

Soil Temperatures (F^0) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	37	na	36	46	na	49	69	32	0.06
Sawmill Creek	36	35	33	na	na	na	65	26	0.00
Plant Materials Center	48	31	38	47	30	42	72	34	0.00

1/ Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: May 5 - May 11, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International	66	31	46	+1	0.02	2	0.02	-0.10	2	20	+20	97
Fairbanks-Eielson	66	27	43	-2	0.00	0	0.00	-0.13	0	13	+13	69
Nenana	63	29	44	+0	0.04	2	0.04	-0.01	2	11	+13	77
Fort Greely-Allen	65	32	47	+3	0.00	0	0.00	-0.12	0	11	+0	91
Healy River Airport	61	30	44	+2	0.07	2	0.07	-0.06	2	6	+9	67
Gulkana Airport	67	31	48	+8	0.00	0	0.00	-0.11	0	1	+1	87
Sutton	64	36	47	+5	0.23	1	0.23	+0.01	1	4	+4	87
Palmer	69	36	52	+7	0.01	1	0.01	-0.18	1	27	+25	135
Talkeetna	67	30	47	+5	0.45	2	0.45	-0.07	2	10	+12	93
Willow Airport	67	39	50	+6	0.24	1	0.24	+0.05	1	17	+17	117
Anchorage International	66	39	51	+7	0.20	1	0.20	-0.02	1	20	+20	122
Kenai	66	32	45	+4	0.40	1	0.40	+0.07	1	3	+3	63
Homer	67	34	49	+8	0.11	3	0.11	-0.33	3	6	+6	94
Kodiak	66	36	50	+8	0.31	3	0.31	-1.89	3	16	+16	100

Summary based on NWS data.
DFN=Departure from normal.
Precipitation days=Days with precipitation of 0.01 inch or more.
Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.